

WHAT IS CLAIMED IS:

1. An image communicating apparatus which is connected to a network capable of performing E-mail communication and has an E-mail communicating function, 5 comprising:

E-mail transmitting means for sending E-mail data accompanied by an image file;

requesting means for requesting reply E-mail responsive to E-mail to be sent when the E-mail data is 10 sent by said E-mail transmitting means;

communication managing means for managing transmission information of each of said sent E-mail data; and

control means for updating the transmission information which is managed by said communication managing means on the basis of a reception result of 15 the reply E-mail responsive to said sent E-mail.

2. An apparatus according to claim 1, wherein 20 said requesting means requests reply E-mail indicative of a message disposition notification of the E-mail to be sent.

3. An apparatus according to claim 1, further 25 comprising selecting means for selecting ON/OFF of an execution of said requesting means, and wherein said communication managing means

manages ON/OFF of the request of said reply E-mail as transmission information every sent E-mail.

4. An apparatus according to claim 1, wherein
5 said control means updates the transmission information which is managed by said communication managing means to first information showing that the reply E-mail responsive to said sent E-mail has been received.

10 5. An apparatus according to claim 1, wherein
said control means updates the transmission information which is managed by said communication managing means to second information showing that the reply E-mail responsive to said sent E-mail is not received within a
15 predetermined period of time.

20 6. An apparatus according to claim 1, further comprising output means for visually outputting the transmission information which is managed by said communication managing means.

25 7. An image communicating apparatus which is connected to a network capable of performing E-mail communication and has an E-mail communicating function, comprising:

E-mail receiving means for receiving E-mail data accompanied by an image file;

detecting means for detecting control information which requests reply E-mail from the E-mail data received by said E-mail receiving means; and
notifying means for notifying the detection of
5 said control information by visualizing means or monitoring means.

8. An apparatus according to claim 7, wherein
said notifying means performs the notification before
contents of the E-mail whose control information was
detected are visually outputted.

9. An apparatus according to claim 7, further comprising output means for visually outputting contents of the image file attached to the received E-mail,

and wherein when the image file attached to the E-mail whose control information was detected is visually outputted, said notifying means adds information indicative of the detection of said control information to a part of said image.

10. An apparatus according to claim 9, wherein
when the image file attached to the E-mail whose
control information was detected is visually outputted,
if the reply E-mail responsive to said control
information has already been sent, said notifying means

adds information indicative of a completion of a response to said control information to a part of said image.

5 11. An apparatus according to claim 7, wherein said control information is information for requesting reply E-mail indicative of a message disposition notification of the E-mail.

10 12. An image communicating method in an image communicating apparatus which is connected to a network capable of performing E-mail communication and has an E-mail communicating function, comprising:
15 an E-mail transmitting step of sending E-mail data accompanied by an image file;
 a requesting step of requesting reply E-mail responsive to E-mail to be sent when the E-mail data is sent by said E-mail transmitting step;
 a communication managing step of managing
20 transmission information of each of said sent E-mail data; and
 a control step of updating the transmission information which is managed by said communication managing step on the basis of a reception result of the
25 reply E-mail responsive to said sent E-mail.

13. A method according to claim 12, wherein in

said requesting step, reply E-mail indicative of a message disposition notification of the E-mail to be sent is requested.

5 14. A method according to claim 12, further comprising a selecting step of selecting ON/OFF of an execution of said requesting step,

10 and wherein in said communication managing step, ON/OFF of the request of said reply E-mail is managed as transmission information every sent E-mail.

15 15. A method according to claim 12, wherein in said control step, the transmission information which is managed by said communication managing step is updated to first information showing that the reply E-mail responsive to said sent E-mail has been received.

20 16. A method according to claim 12, wherein in said control step, the transmission information which is managed by said communication managing step is updated to second information showing that the reply E-mail responsive to said sent E-mail is not received within a predetermined period of time.

25 17. A method according to claim 12, further comprising an outputting step of visually outputting the transmission information which is managed by said

communication managing step.

18. An image communicating method in an image communicating apparatus which is connected to a network
5 capable of performing E-mail communication and has an E-mail communicating function, comprising:

an E-mail receiving step of receiving E-mail data accompanied by an image file;

10 a detecting step of detecting control information which requests reply E-mail from the E-mail data received by said E-mail receiving step; and
a notifying step of notifying the detection of said control information by visualizing means or monitoring means.

15 19. A method according to claim 18, wherein in said notifying step, the notification is performed before contents of the E-mail whose control information was detected are visually outputted.

20 20. A method according to claim 18, further comprising an output step of visually outputting contents of the image file attached to the received E-mail,

25 and wherein in said notifying step, when the image file attached to the E-mail whose control information was detected is visually outputted, information

indicative of the detection of said control information is added to a part of said image.

21. A method according to claim 20, wherein in
5 said notifying step, when the image file attached to
the E-mail whose control information was detected is
visually outputted, if the reply E-mail responsive to
said control information has already been sent,
information indicative of a completion of a response to
10 said control information is added to a part of said
image.

22. A method according to claim 19, wherein said
control information is information for requesting reply
15 E-mail indicative of a message disposition notification
of the E-mail.

23. A computer program which is executed by a
computer of an image communicating apparatus which is
20 connected to a network capable of performing E-mail
communication and has an E-mail communicating function,
comprising:

an E-mail transmitting step of sending E-mail data
accompanied by an image file;

25 a requesting step of requesting reply E-mail
responsive to E-mail to be sent when the E-mail data is
sent by said E-mail transmitting step;

a communication managing step of managing transmission information of each of said sent E-mail data; and

5 a control step of updating the transmission information which is managed by said communication managing step on the basis of a reception result of the reply E-mail responsive to said sent E-mail.

24. A computer program which is executed by a 10 computer of an image communicating apparatus which is connected to a network capable of performing E-mail communication and has an E-mail communicating function, comprising:

15 an E-mail receiving step of receiving E-mail data accompanied by an image file;

a detecting step of detecting control information which requests reply E-mail from the E-mail data received by said E-mail receiving step; and

20 a notifying step of notifying the detection of said control information by visualizing means or monitoring means.

25 25. A computer-readable memory medium which stores a computer program according to claim 23.

26. A computer-readable memory medium which stores a computer program according to claim 24.

27. An image communicating apparatus for sending and receiving image information through a public line network, comprising:

5 E-mail means for sending and receiving E-mail via an E-mail server enclosed in a communication network;

 memory means for storing communication management information of said E-mail;

 communication management information forming means for, each time said E-mail is sent by said E-mail

10 means, forming communication management information of said sent E-mail and storing it into said memory means;

 updating means for, when a delivery status notification for said sent E-mail from said E-mail server is received by said E-mail means, updating

15 contents of the communication management information of said E-mail which received said delivery status notification in accordance with said received delivery status notification; and

 communication management report output means for outputting a communication management report indicative of the communication management information stored in said memory means.

20

25 28. An apparatus according to claim 27, wherein said communication management information includes a transmission result of said sent E-mail, and said updating means updates the transmission result of the

communication management information of the E-mail which received said delivery status notification in accordance with said received delivery status notification.

5

29. An apparatus according to claim 28, wherein said delivery status notification for said sent E-mail from said E-mail server is a notification showing one of a "failed" notification, "delayed", "normal end of 10 transmission", and "relayed" as a transmission result of said sent E-mail.

30. An apparatus according to claim 28, further comprising discriminating means for discriminating 15 whether the delivery status notification for said sent E-mail from said E-mail server has been received by said E-mail means after the elapse of a predetermined period of time from the transmission of said E-mail or not,

20 and wherein if it is determined by said discriminating means that the delivery status notification for said sent E-mail from said E-mail server has been received, said updating means updates the transmission result of the communication management 25 information of the E-mail which received the delivery status notification in accordance with said received delivery status notification, and

said communication management report output means
outputs a communication management report in which said
transmission result was updated as a communication
management report of said sent E-mail.

5

 31. An apparatus according to claim 29, wherein
if it is determined by said discriminating means that
the delivery status notification for said sent E-mail
from said E-mail server is not received, said
10 communication management report output means outputs a
communication management report in which the
transmission result of said sent E-mail has
successfully been finished.

15 32. An image communicating apparatus for sending
and receiving image information through a public line
network, comprising:

 E-mail means for sending and receiving E-mail via
an E-mail server enclosed in a communication network;
20 analyzing means for, when a delivery status
notification returned from said E-mail server in
response to the E-mail transmitted by said E-mail means
is received, analyzing contents of said received
delivery status notification; and
25 error notification information output means for,
when it is detected by the analysis of said analyzing
means that said received delivery status notification

is a transmission error notification of said sent E-mail, outputting error notification information indicative of a transmission error of said sent E-mail.

5 33. An apparatus according to claim 32, wherein said error notification information output means comprises means for generating a warning sound as said error notification information.

10 34. An apparatus according to claim 32, wherein said error notification information output means comprises means for printing and outputting said error notification information.

15 35. An apparatus according to claim 32, wherein said error notification information output means comprises means for displaying said error notification information.

20 36. An image communicating apparatus for performing a facsimile transmission through a provider enclosed in a public line network, comprising:
 communicating means which can selectively execute a plurality of communicating functions for performing
25 the facsimile transmission through said provider; and
 communication management information forming means for, when the facsimile transmission is executed

through said provider by each of said communicating functions, forming communication management information of said facsimile transmission,

5 wherein with respect to the facsimile transmission by a specific one of said communicating functions, said communication management information forming means forms communication management information describing the fact that it is necessary to confirm a communication result of said facsimile transmission.

10

37. An apparatus according to claim 36, wherein each of said communicating functions is a communicating function according to each of the ITU-T recommendation T.30, T.37, and T.38, and said specific communicating function is a communicating function according to the ITU-T recommendation T.37.

20

38. A communication result managing method which is used in an image communicating apparatus which can perform a transmission and a reception of E-mail through an E-mail server enclosed in a communication network, comprising the steps of:

25

each time the E-mail is sent, forming communication management information of said sent E-mail and storing it into memory means;

when a delivery status notification for said sent E-mail from said E-mail server is received, updating

contents of the communication management information of said E-mail which received said delivery status notification in accordance with said received delivery status notification; and

5 outputting a communication management report indicative of the communication management information stored in said memory means.

39. A communication result managing method which
10 is used in an image communicating apparatus having a plurality of communicating functions for performing a facsimile transmission through a provider enclosed in a public line network, comprising the steps of:

15 when the facsimile transmission is executed through said provider by each of said communicating functions, forming communication management information of said facsimile transmission,

20 adding information showing the fact that it is necessary to confirm a communication result of said facsimile transmission to the communication management information of the facsimile transmission by a specific one of said communicating functions.

40. A computer program for a communication result
25 management which is used when it is executed by a computer of an image communicating apparatus which can perform a transmission and a reception of E-mail

through an E-mail server enclosed in a communication network, comprising the steps of:

each time the E-mail is sent, forming communication management information of said sent E-

5 mail and storing it into memory means;

when a delivery status notification for said sent E-mail from said E-mail server is received, updating contents of the communication management information of said E-mail which received said delivery status

10 notification in accordance with said received delivery status notification; and

outputting a communication management report indicative of the communication management information stored in said memory means.

15

41. A computer program for a communication result management which is used when it is executed by a computer of an image communicating apparatus having a plurality of communicating functions for performing a 20 facsimile transmission through a provider enclosed in a public line network, comprising the steps of:

when the facsimile transmission is executed through said provider by each of said communicating functions, forming communication management information 25 of said facsimile transmission,

adding information showing the fact that it is necessary to confirm a communication result of said

facsimile transmission to communication management
information of the facsimile transmission by a specific
one of said communicating functions.

5 42. A computer-readable memory medium which
stores a computer program according to claim 39.

43. A computer-readable memory medium which
stores a computer program according to claim 40.